



8FW372X

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Kruger et al

Serial No.: 10/054,621

Filed: 01/18/2002

For: METHOD OF MAKING A NARROW POLE  
TIP BY ION BEAM DEPOSITION

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Group No.: 3729

Examiner: Paul D. Kim

Docket No. SJO920010141US1

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**AMENDMENT**

In response to the Office Action mailed 07/14/2004 please amend the application as follows.

09/03/2004 KBETEMA1 00000031 502587 10054621

01 FC:1202 36.00 DA

Please type a plus (+) sign inside this box -



PTO/SB/21 REV 1 (12/97)

Approved for use through 09/30/2000. omb 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of

information unless it displays a valid OMB control number.

		Application Number	10/054,621
		Filing Date	01/18/2002
		First Named Inventor	Kruger et al
		Examiner Name	Paul D. Kim
		Group Art Unit	3729
Total Number of Pages in This Submission	13 +postcard	Attorney Docket Number	SJO920010141US1

**ENCLOSURES (check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Formal Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Checklist and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> To Convert a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Power of Attorney, Revocation	<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):
<input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> PTO Form 1449 <input type="checkbox"/> (no.) cited references	<input type="checkbox"/> Change of Correspondence Address	<u>POSTCARD</u>
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> PTO Form 1533		
<input type="checkbox"/> Response to Missing Parts Under 37 CFR 1.52 or 1.53		

Remarks:

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual Name	Ervin F. Johnston Reg. No. 20,190
Signature	
Date	August 30, 2004

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:  
Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on this date: August 30, 2004

Typed or printed name	Ervin F. Johnston	Date	August 30, 2004
Signature			

Please type a plus (+) sign inside this box -

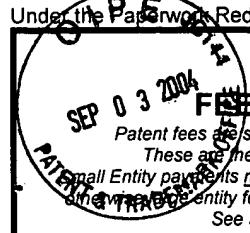
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PTO/SB/17 REV 1 (12/97)

Approved for use through 09/30/2000. omb 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**FEES TRANSMITTAL**

Patent fees are subject to annual revision on October 1.

These are the fees effective November 10, 1998.

Small Entity payments must be supported by a small entity statement. Small Entity fees must be paid. See Forms PTO/SB/09-12 and 13. See 37 C.F.R. §§ 1.27 and 1.28

**TOTAL AMOUNT OF PAYMENT**

(\$ 36.00)

*Complete If Known*

Application Number 10/054,621

Filing Date 01/18/2002

First Named Inventor Kruger et al

Examiner Name Paul D. Kim

Group / Art Unit 3729

Attorney Docket No. SJO920010141US1

**METHOD OF PAYMENT (check one)**

The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number 50-2587  
Deposit Account Name Hitachi Global Storage Technologies

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17      Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance. 37 CFR 1.311(b)

2. Payment Enclosed:

 Check     Money Order     Other**FEE CALCULATION (continued)****FEE CALCULATION****1. BASIC FILING FEE**

Large Entity	Small Entity	Fee	Fee	Fee	Fee Description	Fee Paid
Code (\$)	Code (\$)	Fee	Fee	Fee	Fee	Fee
101	770	201	385		Utility filing fee	
106	340	206	170		Design filing fee	
107	530	207	265		Plant filing fee	
108	770	208	385		Reissue filing fee	
114	160	214	80		Provisional filing fee	
<b>SUBTOTAL (1) (\$)</b>						<b>36.00</b>

**2. EXTRA CLAIM FEES**

Total Claims	38	-	36**	=	2	x	18	=	36.00
Independent Claims									
Multiple Dependent Claims									

\*\* or number previously paid, if greater; For Reissues, see below

Large Entity	Small Entity	Fee	Fee	Fee	Fee Description	Fee Paid
Code (\$)	Code (\$)	Fee	Fee	Fee	Fee	Fee
103	18	203	9		Claims in excess of 20	
102	84	202	42		Independent claims in excess of 3	
104	290	204	145		Multiple dependent claim	
109	86	209	43		** Reissue independent claims over original patent	
110	18	210	9		** Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2) (\$)</b>						<b>36.00</b>

**3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee	Fee	Fee	Fee Description	Fee Paid
Code (\$)	Code (\$)	Fee	Fee	Fee	Fee	Fee
105	130	205	65		Surcharge - late filing fee or oath	
127	50	227	25		Surcharge - late provisional filing or cover sheet	
139	130	139	130		Non-English specification	
147	2,520	147	2,520		Request for reexamination	
112	920	112	920		Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*		Requesting publication of SIR after Examiner action	
115	110	215	55		Extension for response within first month	
116	420	216	210		Extension for response within second month	
117	950	217	475		Extension for response within third month	
118	1,480	218	740		Extension for response within fourth month	
128	2,010	228	1,005		Extension for response within fifth month	
119	330	219	165		Notice of Appeal	
120	330	220	165		Filing a brief in support of an appeal	
121	290	221	145		Request for oral hearing	
140	110	240	55		Petition to revive unavoidably abandoned application	
141	1,330	241	665		Petition to revive unintentionally abandoned application	
142	1,330	242	665		Utility issue fee (or reissue)	
143	480	243	240		Design issue fee	
144	640	315	320		Plant issue fee	
122	130	122	130		Petitions to the Commissioner	
126	180	126	180		Submission of Information Disclosure Stmt	
146	770	246	385		Filing a submission after final rejection (37 CFR 1.129(a))	
179	770	249	385		Request for continued examination (RCE) (37 CFR 1.114)	

Other fee (specify)

Terminal Disclaimer

Other fee (specify) Application for Patent Term Adjustment

Other fee (specify) Certificate of Correction

**SUBTOTAL (3) (\$)**

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY**

Typed or Printed Name

Ervin F. Johnston

Signature

**COMPLETE (if applicable)**

Reg. Number

20,190

Date

August 30, 2004